

## CLAIMS

1. Apparatus for reading or writing information on a circular information carrier having a periphery, said apparatus comprising a turntable for clamping and rotating said information carrier, said information carrier having an initial tilt from the radial direction of the turntable, **characterized in that** said apparatus comprises additional means for applying an end load to the periphery of said information carrier, so as to apply a tilt of known value to said information carrier with respect to the radial direction of the turntable, said known value being larger than said initial tilt.
2. Apparatus as claimed in claim 1 **characterized in that** said additional means comprise a cover having a circular ring intended to be in contact with the periphery of said information carrier when the cover is clamped in said turntable.
3. Apparatus as claimed in claim 1 **characterized in that** said additional means comprise a circular ring interdependent with said turntable, the circular ring being intended to be in contact with the periphery of the information carrier when said information carrier is clamped in said turntable.
4. Apparatus as claimed in claim 1 **characterized in that** said additional means comprise a wheel rotating freely around a shaft interdependent with said apparatus, said wheel being intended to be in contact with the periphery of said information carrier when said information carrier is clamped in said turntable.
5. Apparatus as claimed in claim 2, 3 or 4 **characterized in that** said apparatus comprises :
- an optical pick-up unit intended to move along a guide shaft, said guide shaft being parallel to the radial direction of the turntable,
  - an actuator fixed on said optical pick-up unit and being centred on an optical axis, said optical axis being perpendicular to the radial direction of said information carrier.

6. Apparatus as claimed in claim 2, 3 or 4 **characterized in that** said apparatus comprises :

- an optical pick-up unit intended to move along a guide shaft, said guide shaft being parallel to the radial direction of said information carrier,
- 5    - an actuator fixed on said optical pick-up unit and being centred on an optical axis, said optical axis being perpendicular to the radial direction of said information carrier.

7. Apparatus as claimed in claim 1 **characterized in that** the turntable comprises an area for supporting said information carrier, said surface being tilted to said known value in the  
10    radial direction.